

DIRECTORATE OF
INTELLIGENCE

Industrial Facilities
(Non-Military)

Basic Imagery Interpretation Brief

Pao-tou Thermal Power Plant 1, Iron and Steel Plant (Kun-tu-lun)

Pao-tou, China



*Handle via Talent - Keyhole
Channels Only*

Top Secret

DECLASS REVIEW by NIMA/DOD

WARNING

This document contains information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793, 794. The law prohibits its transmission or the revelation of its contents in any manner to an unauthorized person, as well as its use in any manner prejudicial to the safety or interest of the United States or for the benefit of any foreign government to the detriment of the United States. It is to be seen only by personnel especially indoctrinated and authorized to receive information in the designated control channels. Its security must be maintained in accordance with regulations pertaining to TALENT-KEYHOLE Control System.

GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

DISPOSITION DATE(S)	STOCK	MINIMUM
Approved For Release 2001/09/04 : CIA-RDP79T00909A000100010047-1		

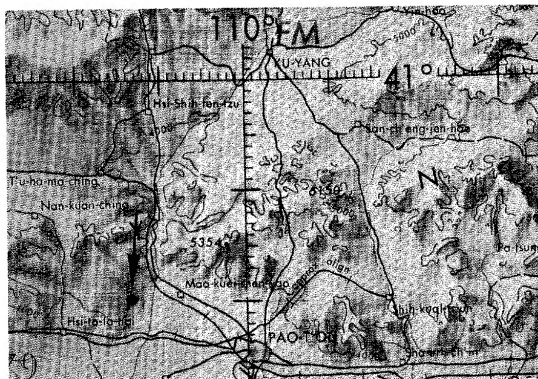
[illegible]

INSTALLATION OR ACTIVITY NAME		COUNTRY
Pao-tou Thermal Power Plant I, Iron and Steel Plant (Kun-tu-lun)		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC NO.
49TCR969023	40-40-10N 109-46-40E	0288-13-0
MAP REFERENCE		
15th RTS. USATC Series 200, Sheet 0288-22HL, 2nd edition, Nov 64, Scale 1:200,000 (SECRET NO FOREIGN DISSEM)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		Not Required

INTRODUCTION

25X1A

The Pao-tou Thermal Power Plant I, Iron and Steel Plant (Kun-tu-lun) is located adjacent to the Pao-tou Iron and Steel Plant (Kun-tu-lun) 12.2 nautical miles (nm) west-northwest of Pao-tou and 2.4 nm west of Kun-tu-lun, China.



BASIC DESCRIPTION

The plant is rail served, coal and gas operated, and is located within a walled area approximately 1,900 by 1,400 feet.

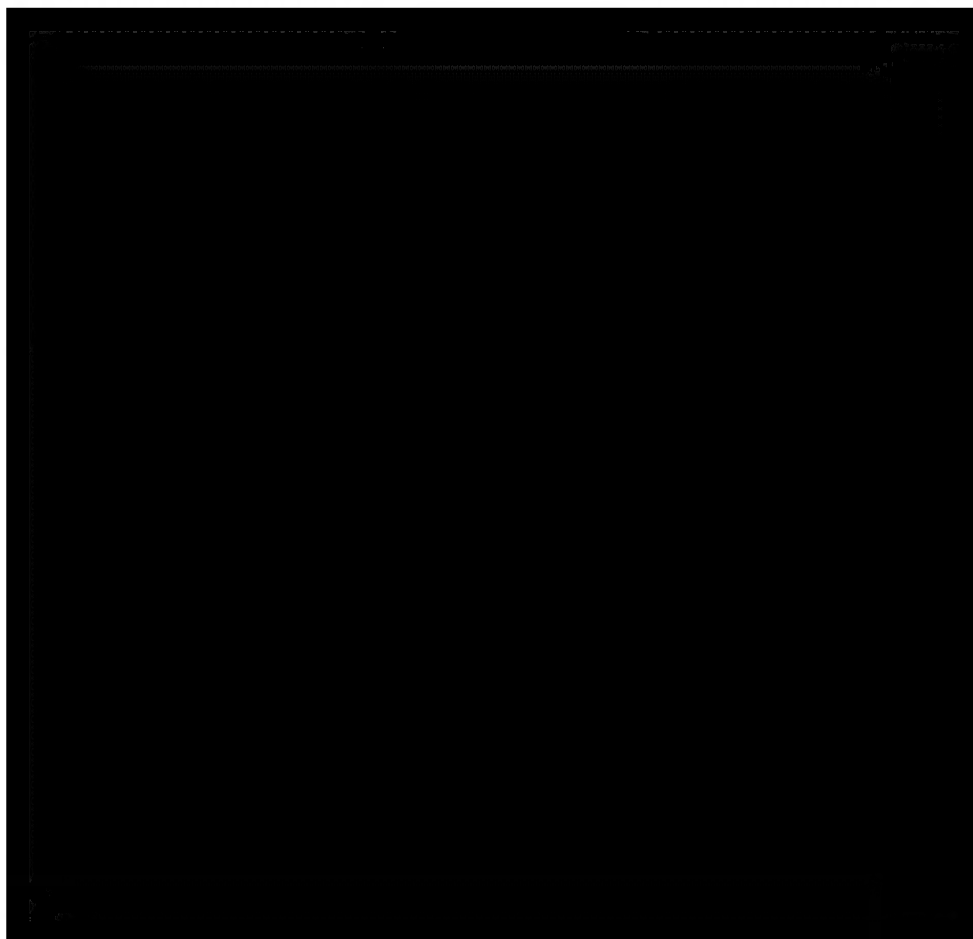
The boilerhouse contains four double boilers connected to a single masonry stack by four sets of flues consisting of two ducts each. Three circuit leads are discernible between the generator hall and the control house on photography. Seven transformers are located adjacent to the control house. Blast furnace gas, from the adjacent iron and steel plant, is used as fuel in conjunction with coal. There are overhead steam lines and power conduits leading to the iron and steel plant.

The power plant was in operation as evidenced by moderate smoke and vapor emanating from the stack and cooling towers on all the referenced imagery. This plant is complete and there has been no construction since the date of the latest photography used in the referenced report.

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IMAGERY ANALYSIS SERVICE

TCS - 11554/68

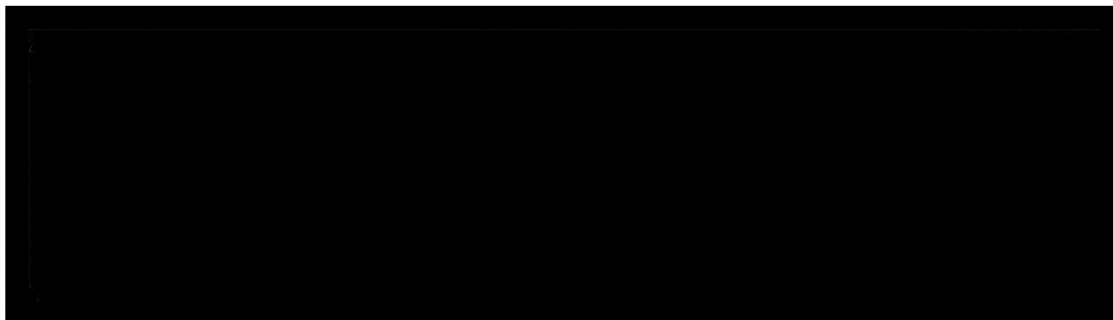


Key to Annotations

<u>Item No.</u>	<u>Description</u>	<u>Dimensions (ft)</u>	<u>Remarks</u>
1	POL Tanks (5)	15 Diam.	-
2	Water Treatment Facility	130 x 70	
		75 x 35	
3	Boilerhouse	300 x 130	4 Double Boilers
4	Generator Hall	430 x 85	3 Turbogenerators
5	Control House	120 x 55	7 Transformers
		300 x 40	adjacent to building
6	Enclosed Switching (2)	200 x 40	
		110 x 25	
7	Cooling Towers (3)	85' Diam (top)	Natural Draft
8	Gas Purification and Control Building	190 x 75	
9	Coal Stockpile	-	

REFERENCES

25X1D



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Maps

25X1C

15th RTS. US Air Target Chart, Series 200, Sheet 0288-22HL, 2nd edition,
Nov 64, Scale 1:200,000 (SECRET NO FOREIGN DISSEM [REDACTED])

25X1C

ACIC. USAF Operational Navigation Chart, Sheet F-8, 2nd edition, July 63,
Scale 1:1,000,000 (UNCLASSIFIED)

Documents

1. CIA/IAD. PIR 65106, Chinese Power Plants, Inner Mongolian Autonomous
Region, Mar 66, TCS 2135/66 (TOP SECRET RUFF)

Requirement

EXSUBCOM - BR-N/002-69

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